



Course Specification

(Bachelor)

Course Title: **Graduation Project 1**

Course Code: **IS1480**

Program: **Bachelor of Information Systems**

Department: **Information systems**

College: **College of Computer and Information Sciences**

Institution: **Imam Mohammad Ibn Saud Islamic University**

Version: **2**

Last Revision Date: **August 5th, 2025**

Approved: 24/08/2025

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A. General information about the course:

1. Course Identification

1. Credit hours: 3 credit hours

2. Course type

A. ☐ University ☐ College ☒ Department ☐ Track ☐ Others
B. ☒ Required ☐ Elective

3. Level/year at which this course is offered: 4th Year

4. Course general Description:

In this part, students are expected to complete the design and implementation of an information system that was proposed in the first part under direct supervision of the course instructor. The students will deliver a detailed report about their project and a presentation in a form of a poster and/or power point slides that summarizes the idea of the project and results. In addition, the students are required to present their work in front of an examination committee led by the course instructor and consists of two selected faculty members of the college.

The course requires students to synthesize and apply materials learnt in previous courses. This course will equip undergraduate Information Systems students with guidelines and standards that need to be followed to conduct and manage a project in the field of Information Systems, writing technical reports and presenting the work to audiences. This course will particularly focus on project topics which are related to the field of information systems. The course will also provide guidance depending on individual project needs to the students in the tools needed to support developing the system, writing project documentation and presentation, and ethical issues such as avoiding plagiarism.

5. Pre-requirements for this course (if any):

IS 1290 Business Communication
IS 1337 Application Development
IS1241 Principles of Project Management

6. Co-requisites for this course (if any):

No Co-requisites

7. Course Main Objective(s):

In this course the students will implement a computing project that they proposed in IS1494, under direct supervision of the course instructor. The students will deliver a detailed report about their designed and implemented project and a presentation in form of a poster and/or presentation slides that summarizes the idea of the project and results. In addition, the students are required to present their work in front of an examination committee led by the course instructor and two selected faculty members of the college.





2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	3 hours/week	100%
2	E-learning		
3	Hybrid - Traditional classroom - E-learning		
4	Distance learning		

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	45
2.	Laboratory/Studio	
3.	Field	
4.	Tutorial	
5.	Others (specify)	
Total		45

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Recognize the problem that can be solved by Information Systems.	K1(P)	Discussion / Meeting	Project Report
1.2	Comprehend the process that supports the information system delivery.	K3(M)	Discussion Meeting /	Project Report
1.3				





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
2.0	Skills			
2.1	<i>Interpret the system requirements based on analysis.</i>	S1(M)	Discussion / Meeting	<i>Project Report</i>
2.2	<i>Apply current techniques, skills and tools to model the system.</i>	S4(M)	Discussion / Meeting	<i>Project Report</i>
2.3	<i>Design an information system along with its interfaces based on the functional, structural and behavioral analysis performed</i>	S2(M)	<i>Discussion / Meeting</i>	<i>Project Report</i>
2.4	<i>Analyze the local and global impact of an information system on individuals, organizations and society.</i>	S3(M)	Discussion / Meeting	<i>Project Report</i>
3.0	Values, autonomy, and responsibility			
3.1	<i>Function effectively on teams to accomplish a common goal.</i>	V1(M)	Discussion / Meeting	<i>Project Report Progress Report</i>
3.2	<i>Ability to engage in self-learning while considering the ethical, legal and social aspect of an IS project</i>	V2(M)	Discussion / Meeting	<i>Project Report Progress Report</i>
3.3	<i>Communicate effectively with a range of audience.</i>	V3(M)	Discussion / Meeting	<i>Project Report Presentation Progress Report</i>

C. Course Content

No	List of Topics	Contact Hours
1.	<i>Graduation Project I – Project Planning</i>	18
2.	<i>Graduation Project I - Requirement Analysis</i>	18
3	<i>Graduation Project I - System Design</i>	24
Total		60



D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Progress Report (Performance)	1-15	20%
2.	Project Report	15	60%
3.	Project Presentation	15	20%
4	<i>Final Submissions Evaluation</i> (Project Report and Presentation)		
5	Supervisor	16	75%
6	Examiners	16	20%
7	Commitment to Departmental Submissions	1,6,12,16	5%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	N/A
Supportive References	N/A
Electronic Materials	Blackboard
Other Learning Materials	N/A

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	1. At least 30 seats 2. A projector connected to a PC preferably with Internet connection 3. Sliding board
Technology equipment (projector, smart board, software)	
Other equipment (depending on the nature of the specialty)	N/A

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Indirect using course evaluation survey

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of Students assessment	Faculty members	Direct method using TOS file
Quality of learning resources	Students and Faculty	Indirect using course evaluation survey and faculty survey
The extent to which CLOs have been achieved	Faculty members	Direct method using TOS file
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	IS CURRICULUM APPROVAL & DEVELOPMENT COMMITTEE IS QAC / / IS COUNCIL
REFERENCE NO.	
DATE	